



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*Complete if Known*

Application Number 09/767,280

<b>Filing Date</b>	January 22, 2001
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<b>First Named Inventor</b>	Hawley K. Rising, III
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### Group Art Unit

Examiner Name

Attorney Docket Number

09/767,280

January 22, 2001

Hawley K. Rising, III

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Sheet	1	of	6
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## U.S. PATENT DOCUMENTS

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## OTHER DOCUMENTS

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XB	Anderson, J.R., "Arguments Concerning Representations for Mental Imagery", Psych. Rev. Vol. 85, No. 4, July 1978, pgs. 249-277.	
XB	Arnold, V.I. "Geometrical Methods in the Theory of Ordinary Differential Equations", Table of Contents, New York, Springer-Verlag, 1983, pgs. 5.	
XB	Barth, E., et al., "Image Encoding, Labeling, and Reconstruction from Differential Geometry", CVGIP, June 1992, pgs. 428-445.	
XB	Beutelspacher, A., et al., "Projective Geometry From Foundations to Applications", New York, Table of Contents, Cambridge University Press, 1998, pgs. 3.	
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<b>Filing Date</b>	January 22, 2001
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<b>First Named Inventor</b>	Hawley K. Rising, III
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Examiner Name

Attorney Docket Number

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Hawley K. Rising, III

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XB	Bolker, E.D., "The Finite Radon Transform", Integral Geometry, R.L. Bryant, et al., AMS Contemporary Mathematics, Vol. 63, 1984, pgs. 27-50.	
XB	Buekenhout, F., "Handbook of Incidence Geometry", Table of Contents, New York, North Holland, Elsevier, 1995, pgs. 24.	
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*Complete if Known*

Application Number 09/767,280

<b>Filing Dat</b>	January 22, 2001
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<b>First Name of Inventor</b>	Hawley K. Rising, III
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## Group Art Unit

**Examiner Name**

Attorney Docket Number

09/767,280

January 22, 2001

**Hawley K. Rising, III**

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XB	Kurusa, A., "The Radon transform on half sphere" Acta Sci. Math. (Szeged), Vol. 53, Nos. 1-4, 1993, pgs. 143-158.	
XB	Matus, F., et al., "Image Representations via a Finite Radon Transform" IEEE Trans. PAMI, Vol. 15, No. 10, October 1993, pgs. 996-1006.	
XB	Meyer, Y., "Wavelets Algorithms and Applications", Philadelphia, SIAM Press, 1993, Table of Contents, pgs. 10.	
XB	Okamoto, H., "MT neurons in the macaque exhibited two types of bimodal direction tuning as predicted by a model for visual motion detection" Vision Research 39, 1999, pgs. 3465-3479.	
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Application Number	09/767,280	RECEIVED
Filing Date	January 22, 2001	
First Named Inventor	Hawley K. Rising, III	UCL 0 5 2001
Group Art Unit	<del>2122</del> 2121	Technology Center 21
Examiner Name	Unassigned <i>Booker</i>	
Attorney Docket Number	80398P325	

Attorney Docket Number 80398P325

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XB	Ramm, A.G., et al., "The Radon Transform and Local Tomography", Table of Contents, New York, CRC Press, 1996, pgs. 10	
XB	Rising, H.K., "Creating a Biologically Plausible Model of Recognition which Generalizes Multidimensional Scaling" SPIE, Vol. 3644, Human Vision and Electronic Imaging IV, Rogowitz, B. E., et al., January 1999, pgs. 411-420.	
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XB	Rolls, E.T., et al. "Neural Networks and Brain Function", New York: Oxford University Press, Preface and Table of Contents, 1998, pgs. 5.	

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<b>Application Number</b>	09/767,280
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<b>Filing Date</b>	January 22, 2001
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First Named Inventor	Hawley K. Rising, III	OCT 05 2001
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Group Art Unit	<del>2/22</del>	2/24
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Attorney Docket Number	80398P325
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## U.S. PATENT DOCUMENTS

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XB		Helgason, S., "Groups and Geometric Analysis", Table of Contents, New York, Academic Press, 1984, pgs. 8.	
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XB		Kosslyn, S.M., "Image and Brain" Cambridg , Massachusetts, MIT Press, 1994, pgs. 34.	

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Sheet	6	of	6
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XB	Shepard, D., "Optimizing the Delivery of Radiation Therapy to Cancer Patients", SIAM Review, Vol. 41, No. 4, 1999, pgs. 721-744.	
XB	Siegelmann, H.T., et al., "On the Computational Power of Neural Nets", Proceedings of the 5th ACM Workshop on Computational Learning Theory, July 1992, pgs. 440-49.	
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XB	Wallis, W.D., "Combinatorial Designs", Table of Contents, New York, Marcel Dekker, 1988, pgs. 10.	
XB	Zeki, S., "A Vision of the Bran", Table of Contents, Boston, Blackwell Scientific Publications, 1994, pgs. 5.	

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09/767,280

**January 22, 2001**

**Hawley K. Rising, III**

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## FOREIGN PATENT DOCUMENTS

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	International Search Report, PCT/US01/02430, pgs. 4.	
XB	RISING, "Inversion Processes in the Human Visual System", Proceedings of SPIE, Vol. 3959 (2000), Sony MediaSoft Lab, U.S. Research Labs, San Jose, CA , pp. 400-408.	
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number 09/767,280  
Filing Date January 22, 2001  
First Name and Inventor Hawley K. Rising, III  
Group Art Unit 2122 2121  
Examiner Name Unassigned Booker  
Attorney Docket Number 80398P325

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2B	CARROLL, et al., "Construction of Neural Nets Using the Radon Transform", Department of Electrical Engineering, Princeton University, IJCNN International Joint Conference On Neural Networks, June 19-22, 1989, pgs. 6.	
2B	KHUWAJA, et al., "Fingerprint Image Compression", Physics Department, Kuwait University, IEEE, pp. 517-526.	
2B	FANGHANEL, et al., "Optimizing Wavelet Transform Coding Using a Neural Network", 1997 IEEE, Universitat der Bundeswehr Hamburg, pgs. 1341-1343.	

Examiner Signatur *Booker* Date Considered 9/25/03

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